

APPENDIX 1. IDENTIFICATION OF SCIENTIFIC EVIDENCE

Search element	Associated terms
<i>Vaginal cancer</i>	Tumor, carcinoma, adenocarcinoma, sarcoma, angiosarcoma, neoplasm, cancer, malignancy, metastasis, fibroma
<i>Diagnosis</i>	Diagnostic procedure, clinical examination, clinical analysis, staging, characteristics, follow up, colposcopy, colposcopically guided biopsy, histology, immunohistology, cytology, sentinel lymph node biopsy
<i>Radiotherapy</i>	Chemoradiation, brachytherapy
<i>Chemotherapy</i>	Radiochemotherapy, electrochemotherapy, Antineoplastic agent, anticancer, drug, pharmacology, fluorouracil, cisplatin, bleomycin, carboplatin, molecular therapy
<i>Surgery</i>	Surgical, operative, vaginectomy, exenteration, excision, trachelectomy, conization, laser-ablation, laparoscopy, laparotomy, reconstruction, neovagina,
<i>Imaging</i>	MRI, magnetic resonance, CT, computed positron, tomography, PET
<i>Systematic review</i>	Meta-analysis
<i>Clinical trial</i>	Randomization, cohort analysis, longitudinal study, prospective study, retrospective study, observational study'

Systematic reviews

Embase

('vagina tumor'/exp/mj OR (((vagina* OR vulvovagina*) NEAR/6 (tumor* OR tumour* OR carcinoma* OR adenocarcinoma* OR sarcoma* OR angiosarcoma* OR melanoma* OR neoplas* OR cancer* OR malign* OR metasta* OR fibrom*))) :ti) AND ('sentinel lymph node'/de OR 'sentinel lymph node biopsy'/de OR (sentinel*):ab,ti) AND ('systematic review'/exp OR 'meta analysis'/de OR ((systematic* NEAR/3 review*) OR Meta-analy*):Ab,ti) NOT ([conference abstract]/lim OR [letter]/lim OR [conference paper]/lim OR [note]/lim OR [editorial]/lim OR [erratum]/lim) AND [english]/lim NOT ([animals]/lim NOT [humans]/lim)

Medline

(Vaginal Neoplasms / OR (((vagina* OR vulvovagina*) ADJ6 (tumor* OR tumour* OR carcinoma* OR adenocarcinoma* OR sarcoma* OR angiosarcoma* OR melanoma* OR neoplas* OR cancer* OR malign* OR metasta* OR fibrom*))) :ti.) AND ('sentinel lymph node'/de OR 'sentinel lymph node biopsy'/de OR (sentinel*):ab,ti) AND (Systematic Review/ OR Meta-Analysis/ OR ((systematic* ADJ3 review*) OR Meta-analy*):ab,ti) NOT (news OR congres* OR abstract* OR book* OR chapter* OR dissertation abstract*).pt. AND english.la. NOT (exp animals/ NOT humans/))

Observational studies

Embase

('vagina tumor'/exp/mj OR (((vagina* OR vulvovagina*) NEAR/6 (tumor* OR tumour* OR carcinoma* OR adenocarcinoma* OR sarcoma* OR angiosarcoma* OR melanoma* OR neoplas* OR cancer* OR malign* OR metasta* OR fibrom*))) :ti) AND ('sentinel lymph node'/de OR 'sentinel lymph node biopsy'/de OR

(sentinel*):ab,ti) AND (diagnosis/exp/mj OR 'diagnostic procedure'/exp/mj OR 'vagina tumor'/exp/mj/dm_di,dm_th,dm_su OR radiotherapy/exp/mj OR surgery/exp/mj OR chemotherapy/exp/mj OR 'molecular therapy'/exp/mj OR 'antineoplastic agent'/exp/mj OR 'follow up'/mj OR (diagnos* OR ((clinical* NEAR/3 (examinat* OR analys* OR staging* OR characterist*))) OR colposcop* OR colpohistolog* OR histolog* OR immunohisto* OR cytolog* OR imaging OR MRI OR (magnet* NEAR/3 resonan*) OR ct OR ((comput* OR positron) NEAR/3 tomogra*) OR pet OR surgery OR surgical* OR operative* OR vaginectom* OR chemotherap* OR electrochemotherap* OR radiotherap* OR chemoradi* OR radiochemotherap* OR brachytherap* OR exenterat* OR excision* OR therap* OR management* OR treatment* OR antineoplas* OR anti-neoplas* OR anticancer* OR anti-cancer* OR drug OR pharmac* OR trachelectom* OR fluorouracil* OR cisplatin* OR bleomycin* OR carboplatin* OR destructi* OR conization* OR conisation* OR laparoscop* OR laparotom* OR laser-ablat* OR follow-up OR reconstruct* OR neovagin*):ti) NOT ([conference abstract]/lim OR [letter]/lim OR [conference paper]/lim OR [note]/lim OR [editorial]/lim OR [erratum]/lim) AND [english]/lim NOT ([animals]/lim NOT [humans]/lim) AND ('clinical trial'/exp OR randomization/de OR 'cohort analysis'/exp OR 'longitudinal study'/de OR 'prospective study'/exp OR 'retrospective study'/exp OR 'observational study'/de OR 'follow up'/de OR (trial* OR RCT OR random* OR cohort* OR longitudinal* OR prospectiv* OR retrospectiv* OR observational*-stud* OR follow-up):Ab,ti)

Medline

(Vaginal Neoplasms/ OR (((vagina* OR vulvovagina*) ADJ6 (tumor* OR tumour* OR carcinoma* OR adenocarcinoma* OR sarcoma* OR angiosarcoma* OR melanoma* OR neoplas* OR cancer* OR malign* OR metasta* OR fibrom*)))ti.) AND ('sentinel lymph node'/de OR 'sentinel lymph node biopsy'/de OR (sentinel*):ab,ti) AND (exp * Diagnosis/ OR * Vaginal Neoplasms/di,th,su exp * Radiotherapy/ OR exp * Surgical Procedures, Operative/ OR exp * Combined Modality Therapy/ OR exp * Molecular Targeted Therapy/ OR exp * Antineoplastic Agents/ OR * Follow-Up Studies/ OR (diagnos* OR ((clinical* ADJ3 (examinat* OR analys* OR staging* OR characterist*))) OR colposcop* OR colpohistolog* OR histolog* OR immunohisto* OR cytolog* OR imaging OR MRI OR (magnet* ADJ3 resonan*) OR ct OR ((comput* OR positron) ADJ3 tomogra*) OR pet OR surgery OR surgical* OR operative* OR vaginectom* OR chemotherap* OR electrochemotherap* OR radiotherap* OR chemoradi* OR radiochemotherap* OR brachytherap* OR exenterat* OR excision* OR therap* OR management* OR treatment* OR antineoplas* OR anti-neoplas* OR anticancer* OR anti-cancer* OR drug OR pharmac* OR trachelectom* OR fluorouracil* OR cisplatin* OR bleomycin* OR carboplatin* OR destructi* OR conization* OR conisation* OR laparoscop* OR laparotom* OR laser-ablat* OR follow-up OR reconstruct* OR neovagin*):ti.) NOT (news OR congres* OR abstract* OR book* OR chapter* OR dissertation abstract*).pt. AND english.la. NOT (exp animals/ NOT humans/) AND (Clinical Trial/ OR Random Allocation/ OR cohexp Cohort Studies/ OR Observational Study/ OR Follow-Up Studies/ OR (trial* OR RCT OR random* OR cohort* OR longitudinal* OR prospectiv* OR retrospectiv* OR observational*-stud* OR follow-up).ab,ti.)

Cochrane CENTRAL register of Trials

(((((vagina* OR vulvovagina*) NEAR/6 (tumor* OR tumour* OR carcinoma* OR adenocarcinoma* OR sarcoma* OR angiosarcoma* OR melanoma* OR neoplas* OR cancer* OR malign* OR metasta* OR fibrom*)))ti)

APPENDIX 2. LIST OF THE 112 EXTERNAL REVIEWERS

Jafaru Abu, gynaecological oncologist (United Kingdom); **Igor Aluloski**, gynaecological oncologist (Republic of North Macedonia); **Frédéric Amant**, gynaecological oncologist (Belgium); **Syuzanna Babloyan**, obstetrician gynaecologist (Armenia); **Glauco Baiocchi**, gynaecological oncologist (Brazil); **Manel Barahona Orpinell**, gynaecological oncologist (Spain); **Anne-Sophie Bats**, gynaecological oncologist (France); **Katja Baust**, psychologist (Germany); **Federica Bevilacqua**, obstetrician gynaecologist (Italy); **Virginia Benito**, gynaecological oncologist (Spain); **Margarida Bernardino**, gynaecological oncologist (Portugal); **Claudia Bessa Pereira Chaves**, gynaecological oncologist (Brazil); **Paweł Blecharz**, gynaecological oncologist (Poland); **Jacob Bornstein**, obstetrician gynaecologist (Israel); **Kjersti Bruheim**, clinical oncologist (Norway); **Xavier Carcopino**, obstetrician gynaecologist (France); **Nicoletta Colombo**, gynaecological oncologist (Italy); **Ovidiu Florin Coza**, radiation oncologist (Romania); **Sabrina Croce**, pathologist (France); **Maggie Cruickshank**, gynaecologist (Scotland); **Giuseppe Cutillo**, obstetrician gynaecologist (Italy); **Miriam Dellino**, gynaecological oncologist (Italy); **Javier Díez**, gynaecological oncologist (Spain); **Eva Katharina Egger**, gynaecological oncologist (Germany); **Günter Emons**, gynaecological oncologist (Germany); **Masoumeh Fallahian**, obstetrician gynaecologist (Iran); **Cécile Faure Conter**, pediatric oncologist (France); **Ana Felix**, pathologist (Portugal); **Daniela Fischerova**, gynaecological oncologist (Czech Republic); **Dirk Michael Forner**, gynaecological oncologist (Germany); **Brice Fresneau**, pediatric oncologist (France); **Niccolò Gallio**, obstetrician gynaecologist (Italy); **Prafull Ghatage**, gynaecological oncologist (Canada); **Antonio Gil-Moreno**, gynaecological oncologist (Spain); **Frédéric Goffin**, gynaecological oncologist (Belgium); **François Golfier**, gynaecological oncologist (France); **Dan Grisaru**, gynaecological oncologist (Israel); **Murat Gultekin**, gynaecological oncologist (Turkey); **Dimitrios Haidopoulos**, gynaecological oncologist (Greece); **Annette Hasenburg**, gynaecological oncologist (Germany); **Kristina Hellman**, medical oncologist (Sweden); **Gines Hernandez-Cortes**, obstetrician gynaecologist (Spain); **Peter Hoskin**, clinical oncologist (United Kingdom); **Jaunarenalbon**, gynaecological oncologist (Spain); **Ina Jurgenliemk-Schulz**, radiation oncologist (Netherlands); **Joanna Kacperczyk-Bartnik**, obstetrician gynaecologist (Poland); **Ioannis Kalogiannidis**, gynaecological oncologist (Greece); **Sean Kehoe**, gynaecological oncologist (United Kingdom); **Vesna Kesic**, gynaecological oncologist (Serbia); **Christian Kirisits**, radiation oncologist (Austria); **Katalin Koblos**, patient (Hungary); **Christhardt Köhler**, gynaecological oncologist (Germany); **Gunnar Kristensen**, gynaecological oncologist (Norway); **Kersti Kukkk**, gynaecological oncologist (Estonia); **Kimseng Law**, gynaecological oncologist (Taiwan); **Eric Leblanc**, gynaecological oncologist (France); **Mario Mendes Leitao Jr**, gynaecological oncologist (United States of America); **Jacob Christian Lindegaard**, clinical oncologist (Denmark); **Domenica Lorusso**, gynaecological oncologist (Italy); **Tiziano Maggino**, gynaecological oncologist (Italy); **Aljosa Mandic**, gynaecological oncologist (Serbia); **Simone Marnitz**, radiation oncologist (Germany); **Claudia Mateoiu**, pathologist (Sweden); **Patrice Mathevet**, gynaecological oncologist (Switzerland); **Jessica McAlpine**, gynaecological oncologist (Canada); **Enrico Messalli**, obstetrician gynaecologist (Italy); **Véronique Minard-Colin**, pediatrician (France); **Miloš Mlynček**, gynaecological oncologist (Slovakia); **Eva Myriokefalitaki**, gynaecological oncologist (United Kingdom); **Raj Naik**, gynaecological oncologist (United Kingdom); **Peter Niehoff**, radiation oncologist (Germany); **Felipe Ojeda**, gynaecological oncologist (Spain); **Gitte Ørtoft**, gynaecological oncologist (Denmark); **Patricia Pautier**, medical oncologist (France); **Fedro Alessandro Peccatori**, obstetrician gynaecologist (Italy); **Anna Myriam Perrone**, gynaecological oncologist (Italy); **Primoz Petric**, radiation oncologist (Switzerland); **Bradley Pieters**, radiation oncologist (Netherlands); **Radovan Pilka**, obstetrician gynaecologist (Czech Republic); **Mario Preti**, gynaecologist (Italy); **Anna Protasova**, gynaecological oncologist (Russia); **Denis Querleu**, gynaecological oncologist (France); **Maria Rosaria Raspollini**, pathologist (Italy); **Isabelle Ray Coquard**, medical oncologist (France); **Nicholas Reed**, clinical oncologist (United Kingdom); **Barbara Segedin**, radiation oncologist (Slovenia); **Guido Seitz**, pediatric surgeon (Germany); **Cristiana Sessa**, gynaecological oncologist (Switzerland); **Paul Sevelde**, gynaecological oncologist (Austria); **Saritha Shamsunder**, medical oncologist (India); **Tayup Simsek**, gynaecological oncologist (Turkey); **Piero**

Sismondi, obstetrician gynaecologist (Italy); **Alejandro Soderini**, gynaecological oncologist (Argentina); **Erik Soegaard-Andersen**, gynaecological oncologist (Denmark); **Hana Stankusova**, radiation oncologist (Czech Republic); **Artem Stepanyan**, gynaecological oncologist (Armenia); **Simona Stolnicu**, pathologist (Romania); **VratislavStrnad**, radiation oncologist (Germany); **Eva-Maria Strömsholm**, patient (Finland); **Alina Sturdza**, radiation oncologist (Austria); **Long Sui**, gynaecological oncologist (China); **Li Tee Tan**, clinical oncologist (United Kingdom); **WiebrenTjalma**, gynaecological oncologist (Belgium); **Irina Tsibulak**, gynaecologist (Austria); **René Verheijen**, gynaecological oncologist (France); **Ashish Verma**, radiologist (India); **Pedro Vieira-Baptista**, gynaecologist (Portugal); **Elena Villafranca**, radiation oncologist (Spain); **Linn Woelber**, gynaecological oncologist (Germany); **Diana Zach**, gynaecological oncologist (Sweden); **Ignacio Zapardiel**, gynaecological oncologist (Spain); **Luiz Carlos Zeferino**, gynaecological oncologist (Brazil).